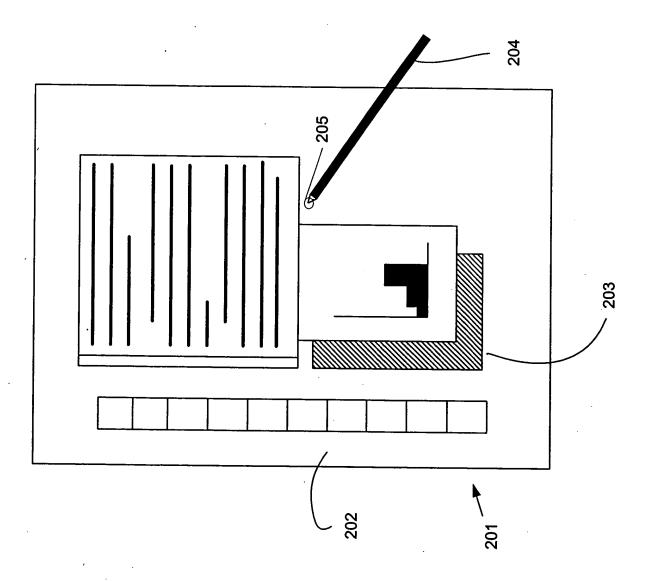
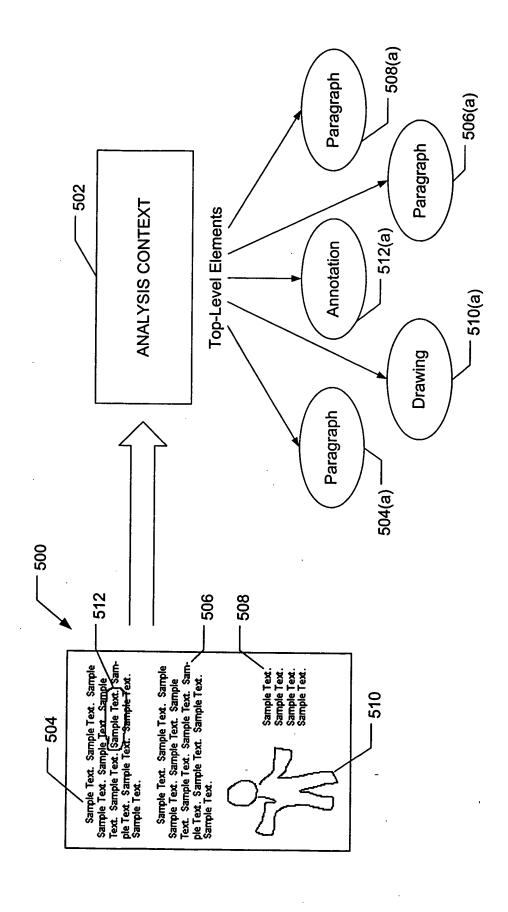
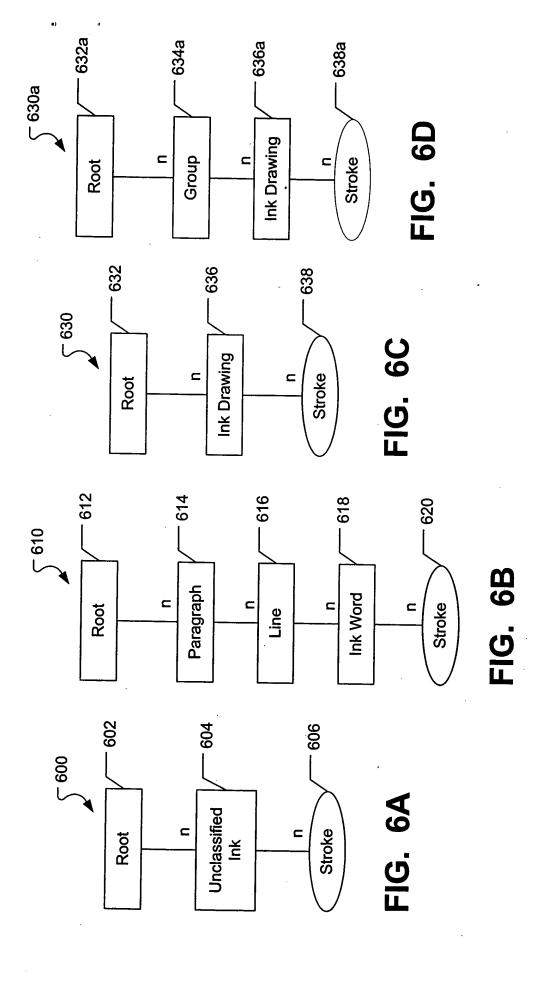
COMPUTER MEMORY REMOTE DIGITIZER LOCAL AREA NETWORK MONITOR 112 109, 166 APPLICATION PROGRAMS 107 113 NETWORK AREA WIDE 165 NETWORK INTERFACE KEYBOARD 196 / 114 MODEM 106 INTERFACE SERIAL PORT 101 115-MOUSE 191 194 102/ **SYSTEM BUS** INTERFACE **ADAPTER** VIDEO **OPTICAL** DRIVE 192 198 108 30 PROGRAM 1 DATA 1 -180 193 190 DISK DRIVE INTERFACE MAGNETIC 110 100 OTHER PROGRAM 197 MODULES PROCESSING UNIT 170 192 INTERFACE HARD DISK APPLICATION 196 PROGRAMS 196 140 150 120 160 195 APPLICATION 196 198 197 SYSTEM MEMORY **OPERATING PROGRAMS** OPERATING 195 SYSTEM PROGRAM DATA SYSTEM **PROGRAM** MODULES OTHER BIOS ROM RAM

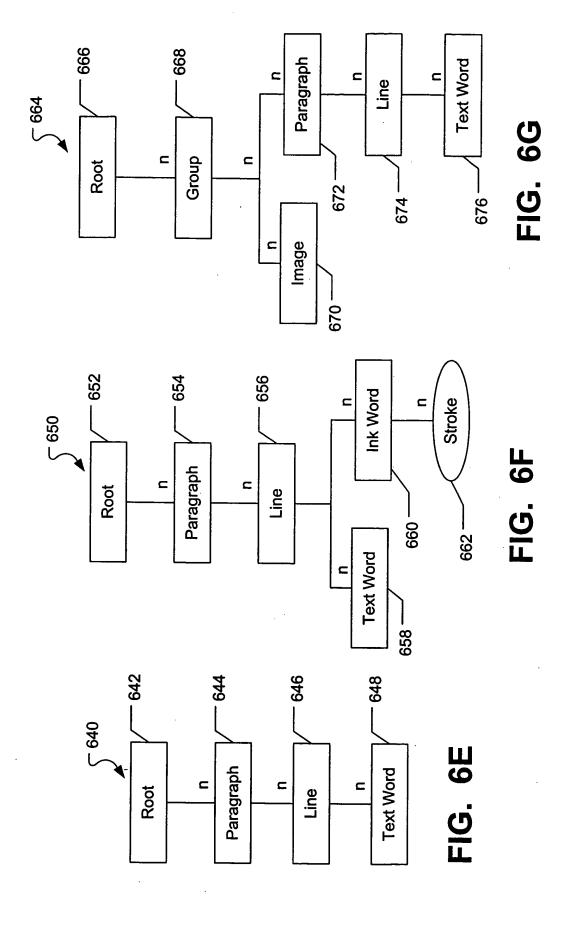
MAR 1 1 2004 W



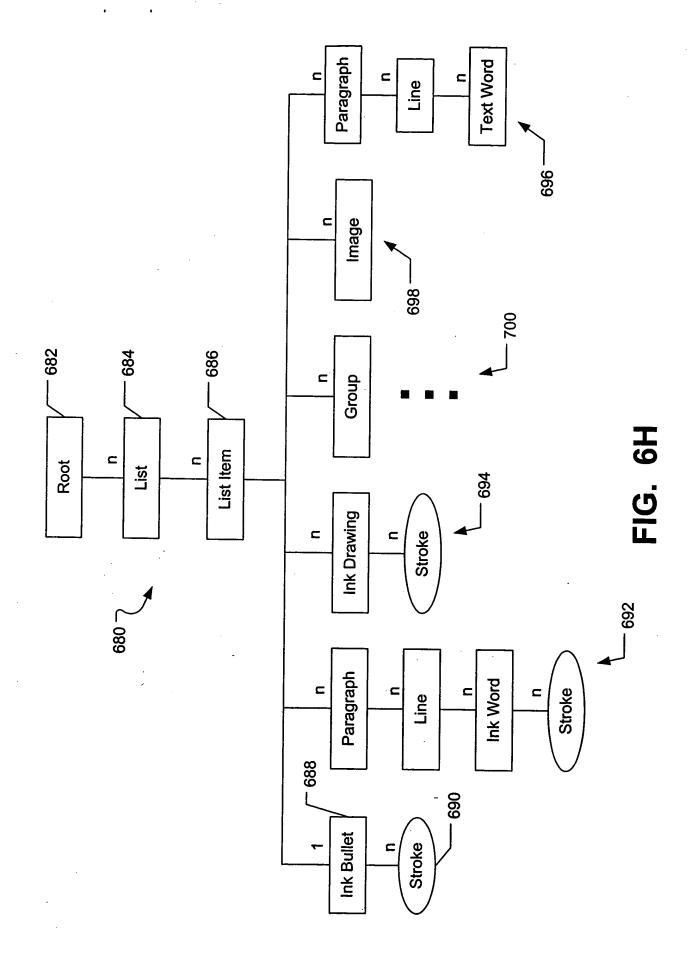
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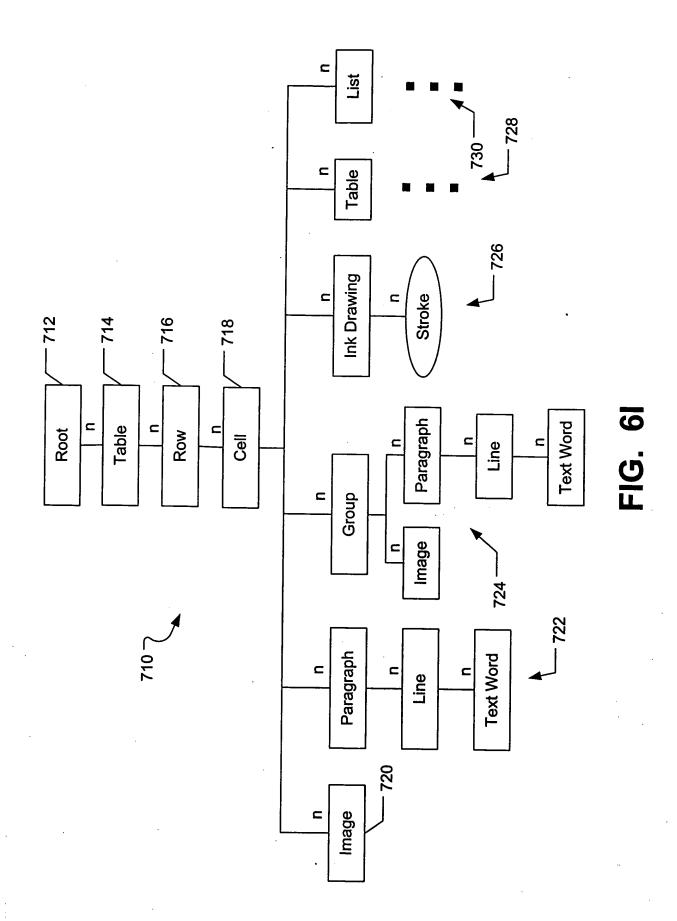


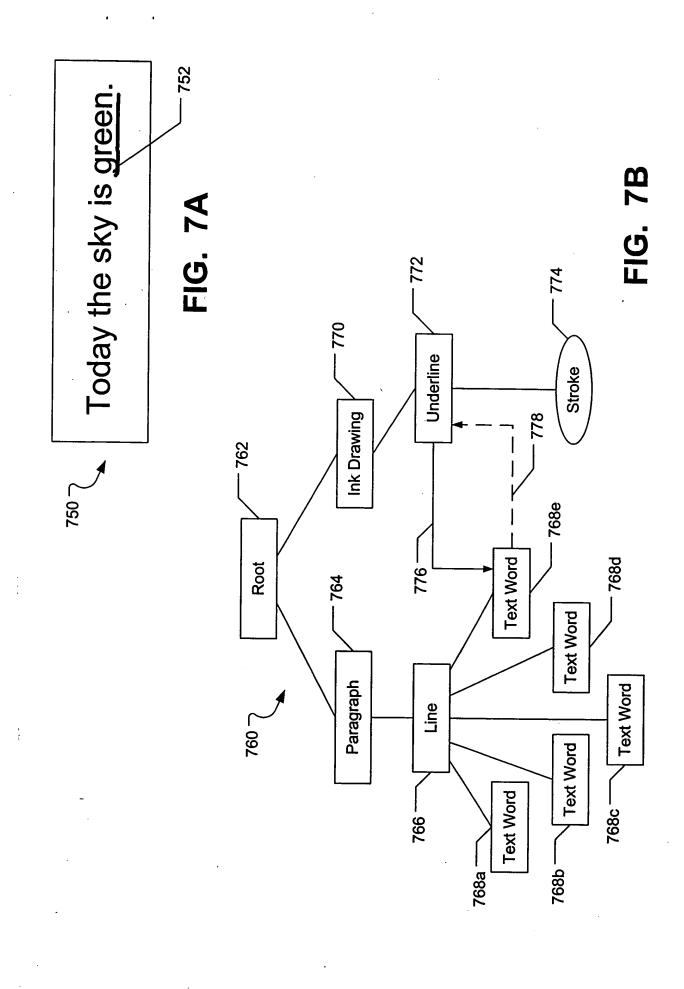


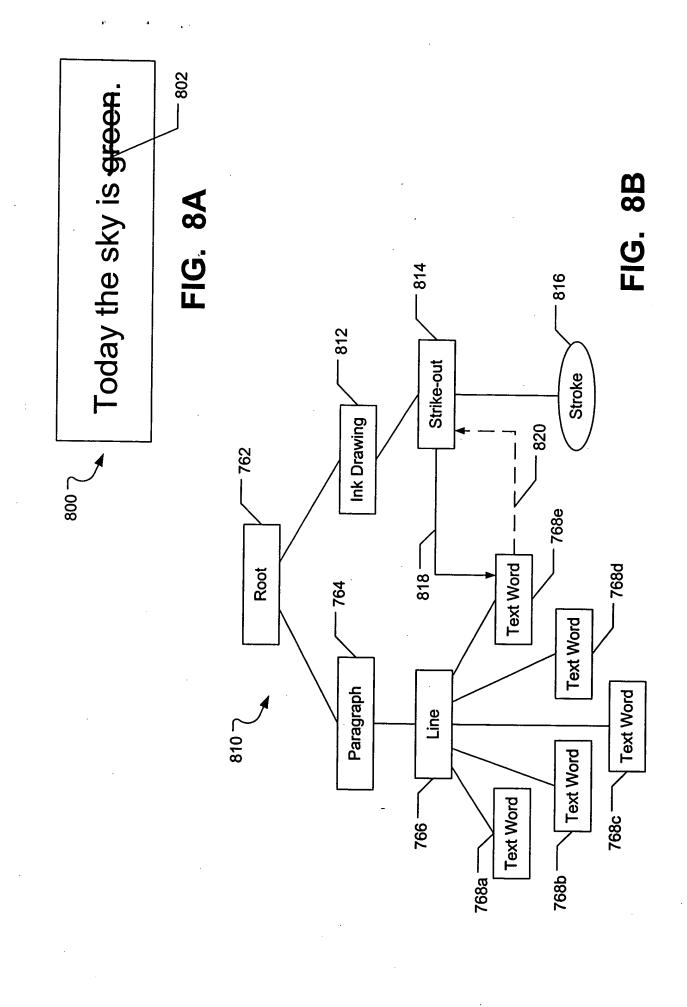
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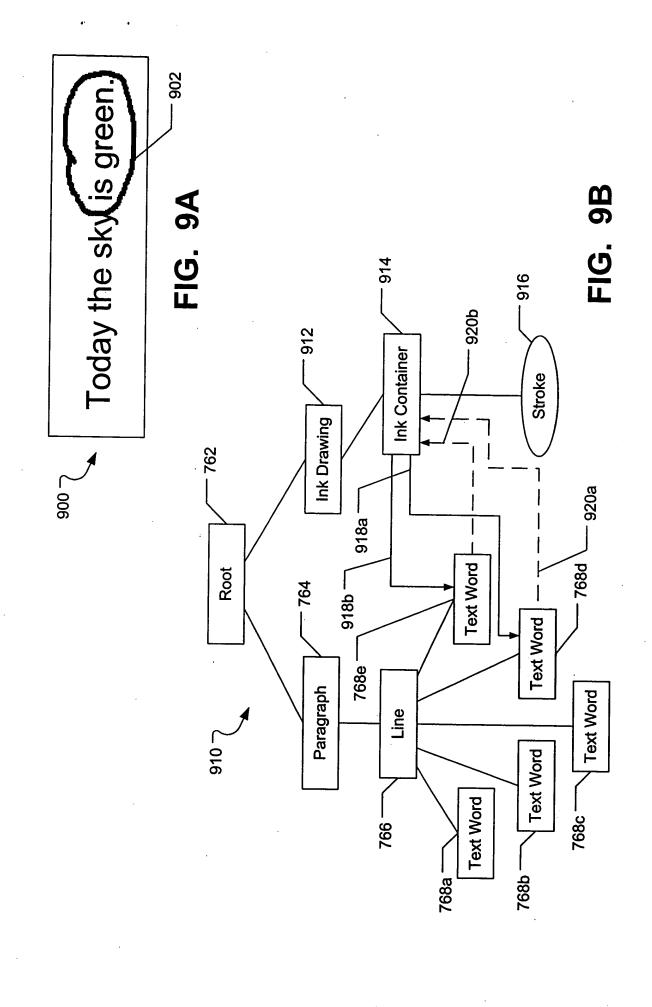


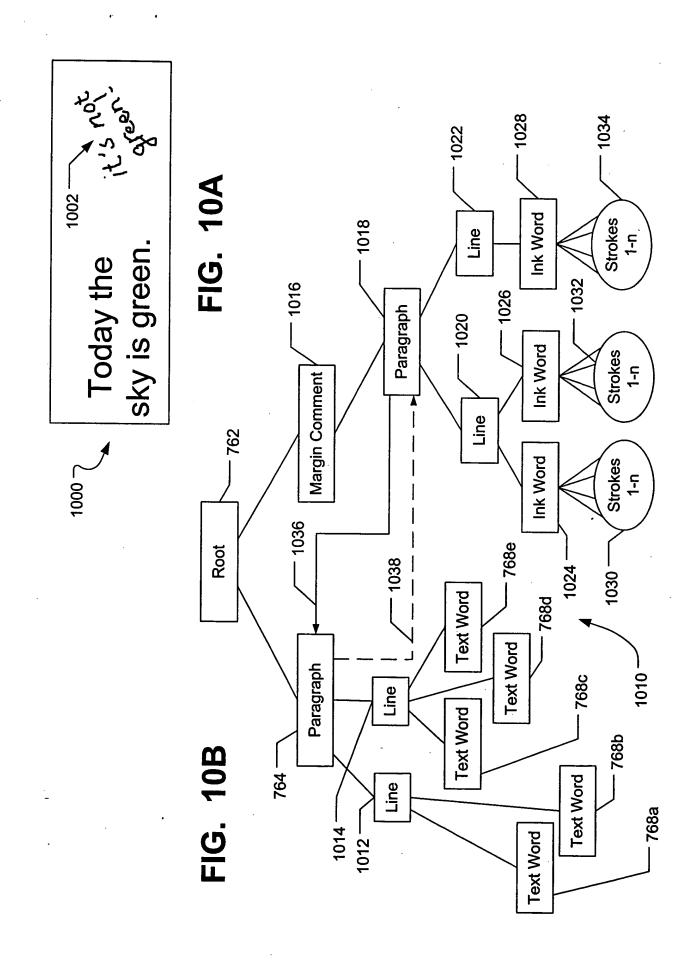
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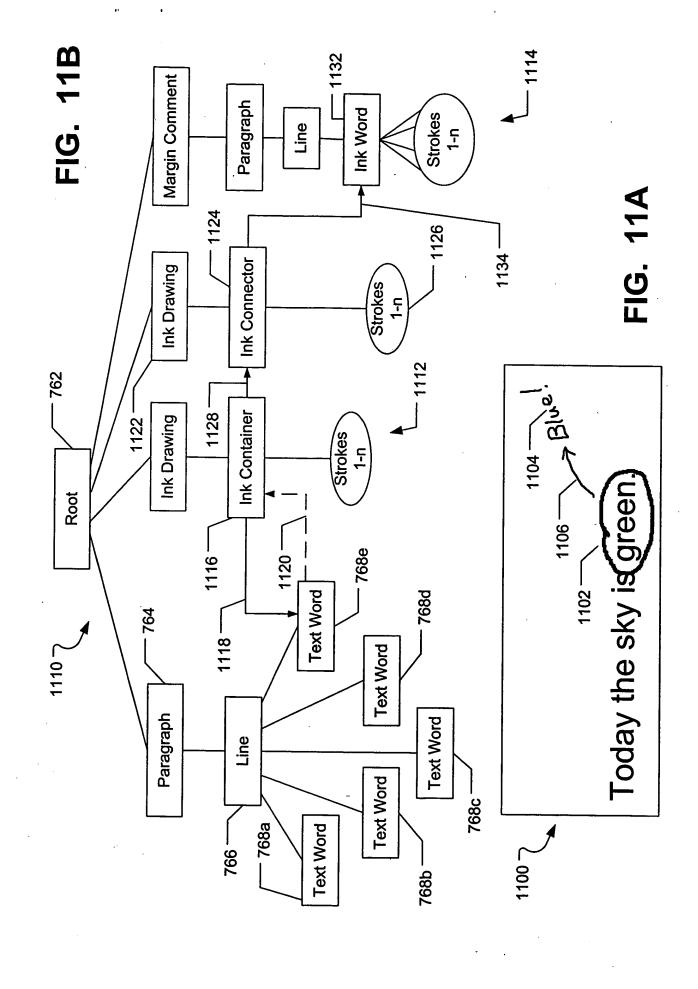


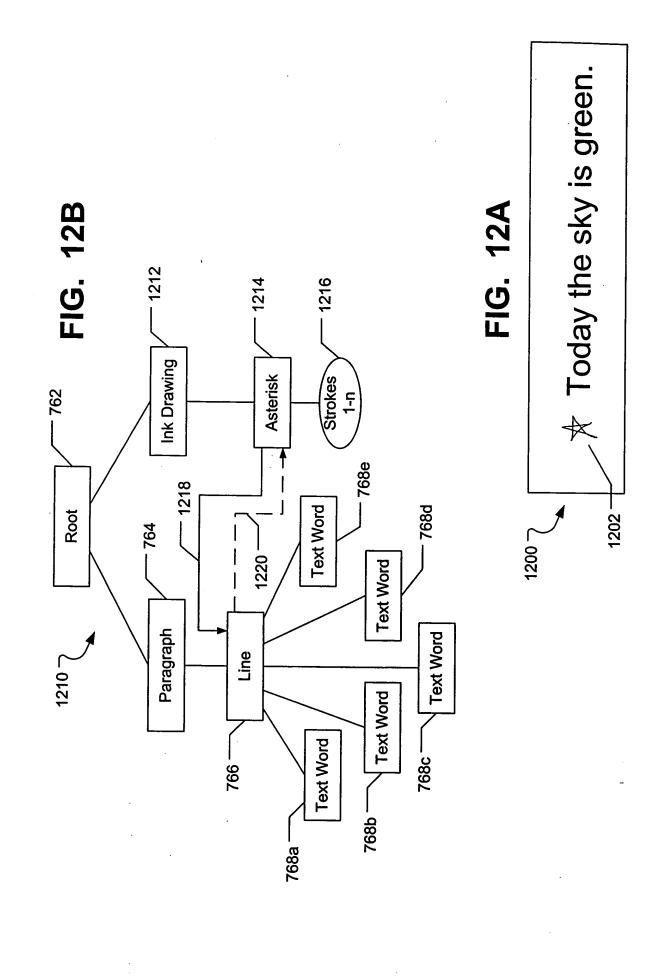


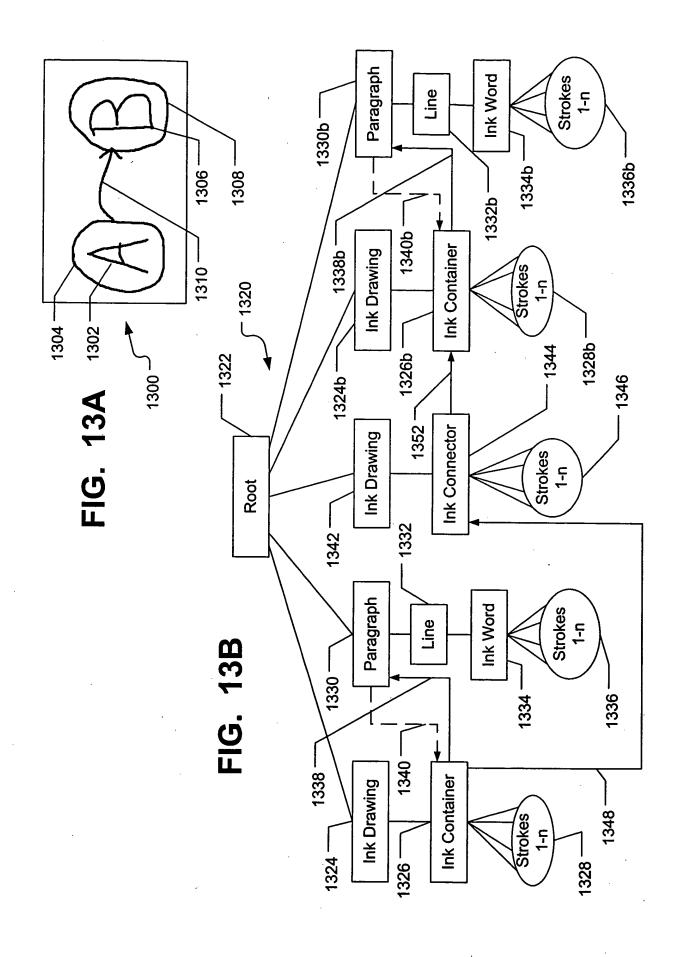


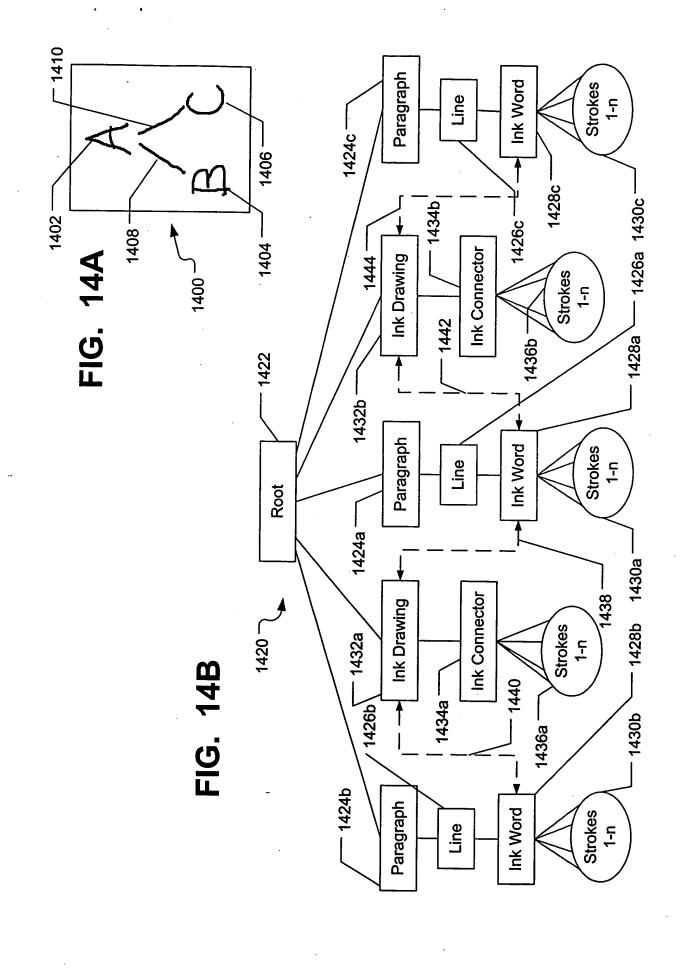


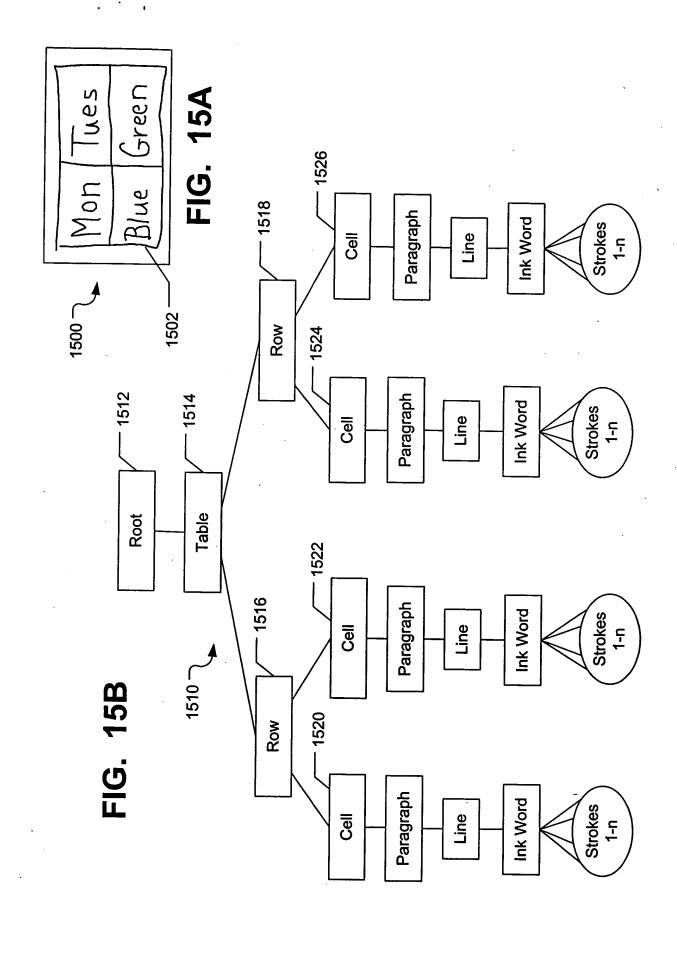


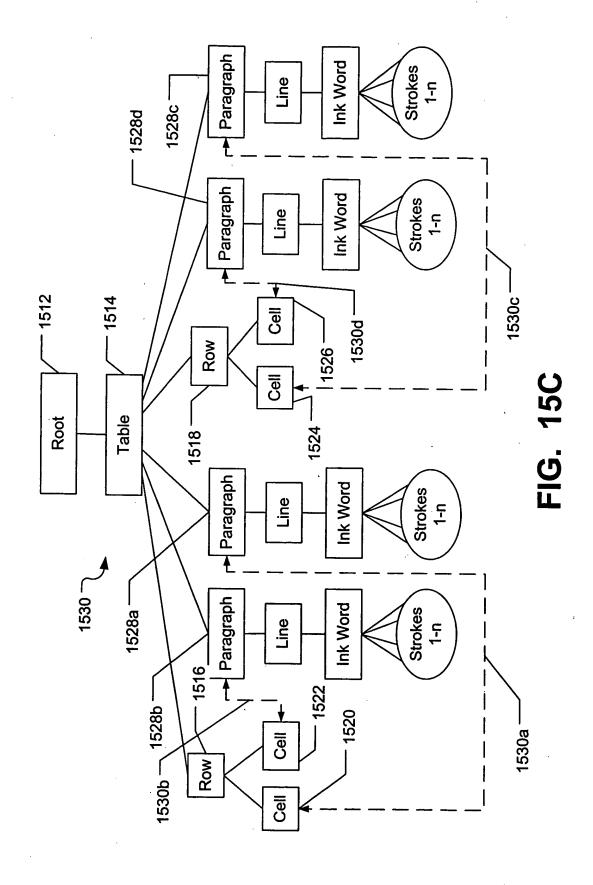












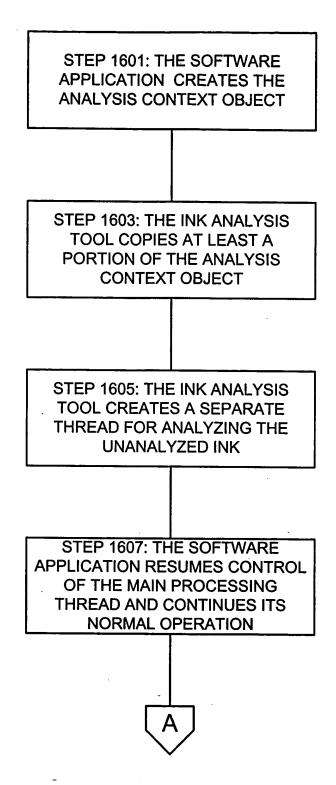
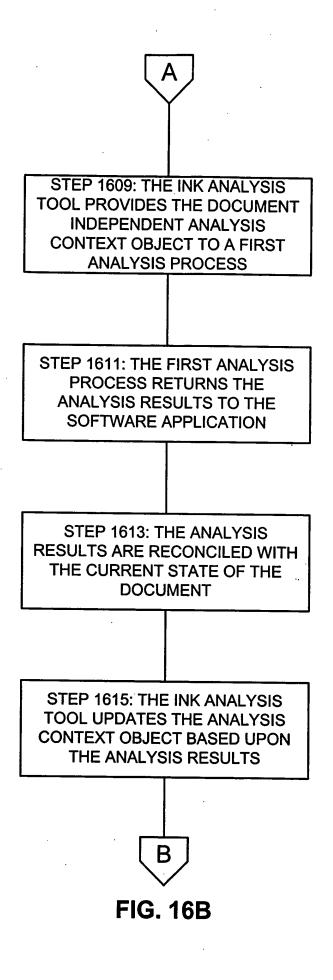
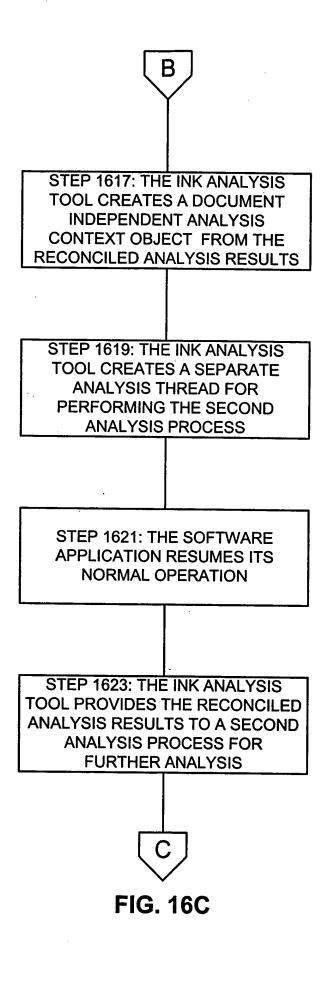


FIG. 16A





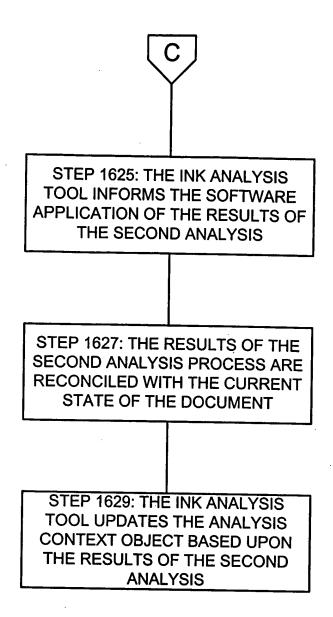


FIG. 16D

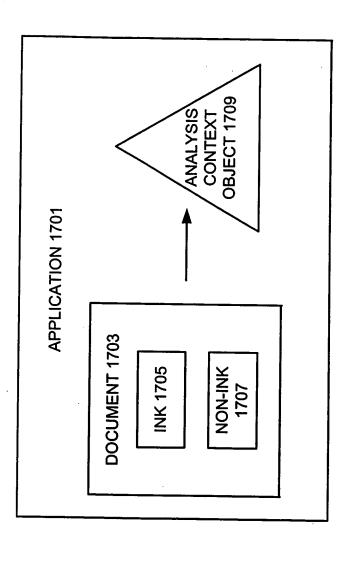
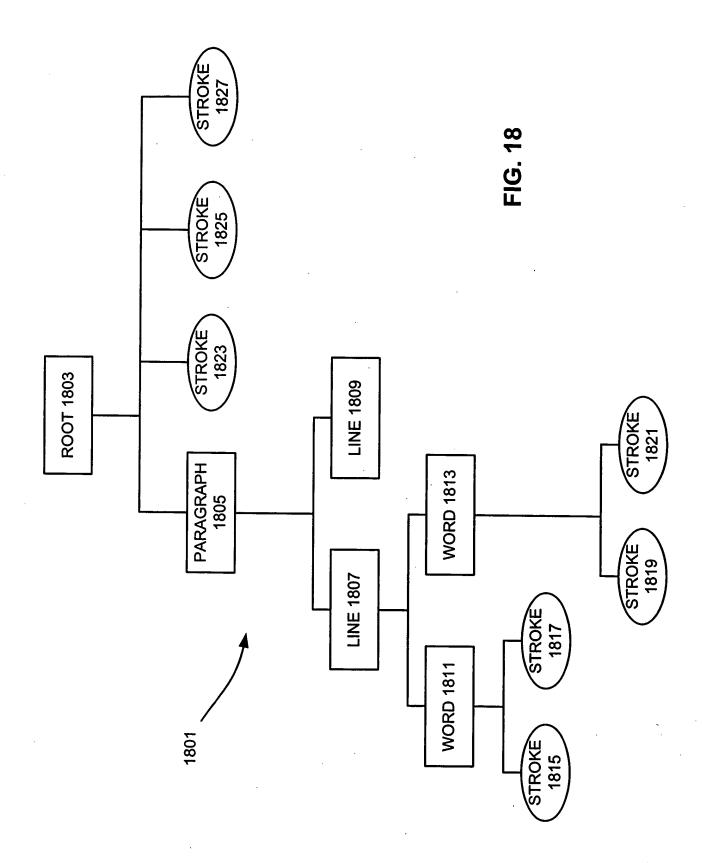


FIG. 17



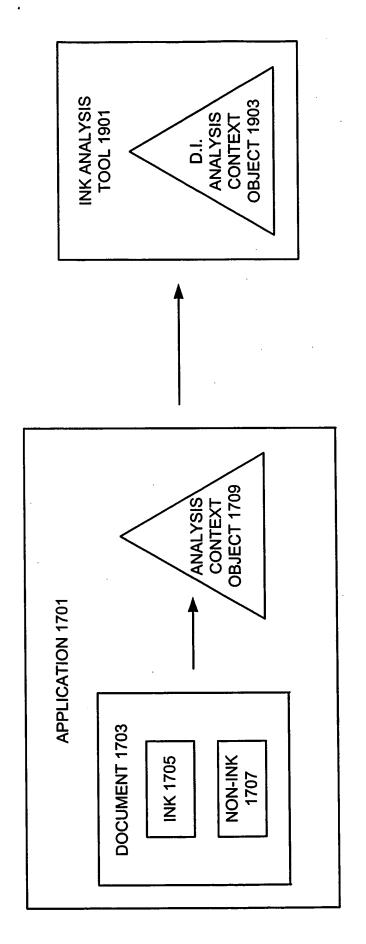
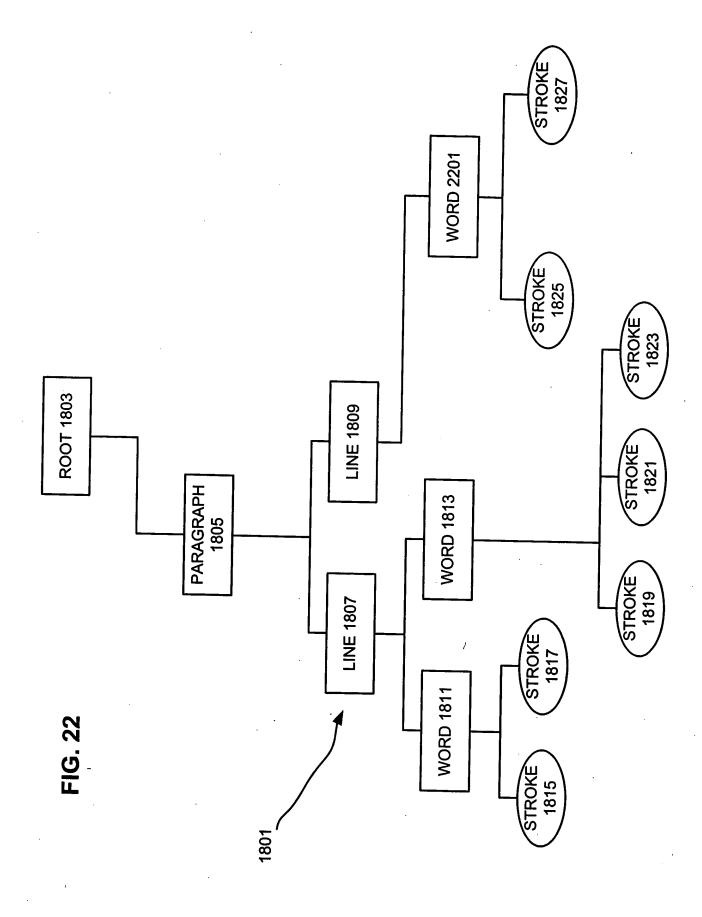


FIG. 19

FIG. 20

INK RECOGNITION PROCESS 2003

FIG. 21



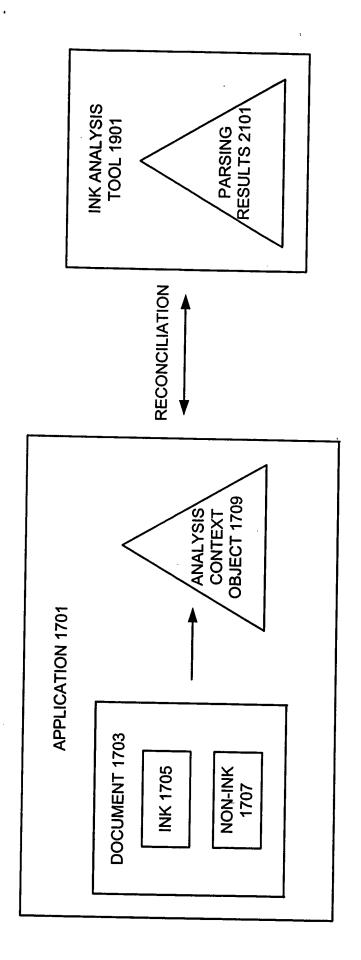


FIG. 23

4

PARSING PROCESS 2001

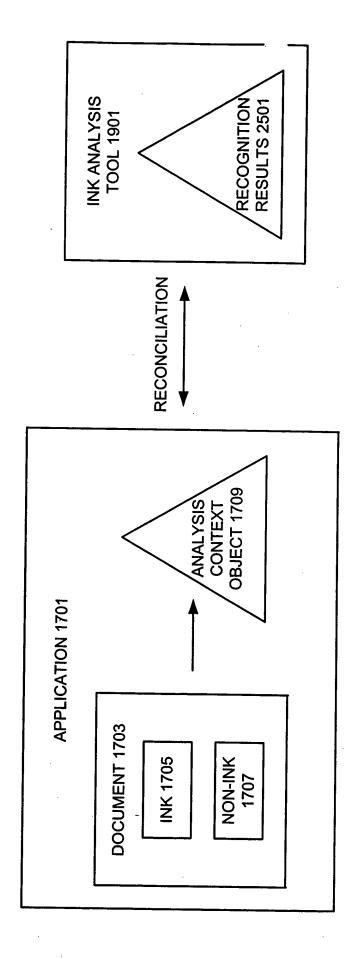


FIG. 26

STEP 2701: THE INK ANALYSIS TOOL ATTEMPTS TO ACCESS THE CORRESPONDING NODES IN THE CURRENT ANALYSIS CONTEXT OBJECT THAT ARE NEEDED TO APPLY THE CHANGE STEP 2703: THE INK ANALYSIS TOOL 1901 DETERMINES IF THE CHANGE CREATES A MANDATORY OR DISCRETIONARY COLLISION STEP 2705: THE INK ANALYSIS TOOL EITHER MAKES THE CHANGE OR PROHIBITS THE CHANGE IF IT CREATES A MANDATORY COLLISION OR A DISCRETIONARY COLLISION FORBIDDEN BY THE CRITERIA FOR THE RECONCILIATION PROCESS STEP 2707: THE INK ANALYSIS TOOL DELETES ANY "EMPTY" NODES IN THE ANALYSIS CONTEXT OBJECT THAT CORRESPOND TO NODES IN THE DOCUMENT INDEPENDENT ANALYSIS CONTEXT OBJECT STEP 2709: THE INK ANALYSIS TOOL WILL IDENTIFY ANY COLLISIONS BETWEEN THE ANALYSIS RESULTS IN THE DOCUMENT INDEPENDENT ANALYSIS CONTEXT OBJECT AND THE CURRENT ANALYSIS

CONTEXT OBJECT TO THE SOFTWARE APPLICATION

